

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

**Kari Härkönen, Mark Doczy, Teemu Lang,  
and Nathan E. Baxter**

Application No. 10/642,426

Filed: August 15, 2003

For: **DEPOSITION OF CARBON- AND TRANSITION  
METAL-CONTAINING THIN FILMS**

Attorney Docket No. 11429/19:2

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE  
INTEREST (REVOCATION OF PRIOR POWERS)**

TO THE COMMISSIONER FOR PATENTS:

Planar Systems, Inc., assignee of the entire interest of the above-identified patent application, hereby revokes all powers of attorney previously given in the above-identified application and appoints the practitioners of Stoel Rives LLP, USPTO Customer No. **3528**, as its attorneys and agents, with full power of substitution and revocation, to prosecute and transact all business connected therewith in the U.S. Patent and Trademark Office, and to do all things necessary before any competent International Authorities in connection with any corresponding international patent application(s).

Please change the correspondence address for the above-identified application to the address associated with USPTO Customer No. **3528**:

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268

Direct all telephone calls to Kassim M. Ferris at (503) 224-3380.

Statement Under 37 CFR§3.73(b): Planar Systems, Inc. states that it is assignee of the entire right, title, and interest in the application identified above by virtue of document(s) establishing a chain of title from the inventor(s) to the assignee, which:

is/are filed for recordation herewith;  
 was/were recorded at Reel \_\_\_\_\_, Frame \_\_\_\_\_; or  
 has/have been sent for recordation under separate cover, copy attached herewith.

The undersigned is empowered to sign this document on behalf of the assignee.

**Planar Systems, Inc.**

By Christopher N. King  
Christopher N. King,  
Executive Vice President & CTO

Date: October 30, 2003

**COPY**

**ASSIGNMENT**

WHEREAS, we, Kari Härkönen, of Kauniainen, Finland, Mark Doczy, of Beaverton, Oregon, USA, Teemu Lang, of Helsinki, Finland, and Nathan E. Baxter, of Portland, Oregon, USA, have made inventions described in United States provisional patent application No. 60/445,571, filed February 6, 2003 (Attorney Docket No. 11429/19:1), and in a U.S. nonprovisional patent application entitled **DEPOSITION OF CARBON- AND TRANSITION METAL-CONTAINING THIN FILMS**, filed August 15, 2003, allotted Application No. 10/642,426 (Attorney Docket No. 11429/19:2), and claiming priority from provisional application No. 60/445,571; and

WHEREAS, I, Kari Härkönen was at the time of the invention an employee of Planar Systems Inc., an Oregon corporation, having a place of business at 1195 NW Compton Drive, Beaverton, Oregon 97006, and made my contribution to the inventions during and within the scope of my employment at Planar Systems, Inc.; and

WHEREAS, I, Mark Doczy was at the time of the invention an employee of Intel Corporation, a Delaware corporation, having a place of business at 2200 Mission College Blvd., Santa Clara, California 95052-8119, and made my contribution to the inventions during and within the scope of my employment at Intel Corporation; and

WHEREAS, I, Teemu Lang was at the time of the invention an employee of Planar Systems Inc., an Oregon corporation, having a place of business at 1195 NW Compton Drive, Beaverton, Oregon 97006, and made my contribution to the inventions during and within the scope of my employment at Planar Systems, Inc.; and

WHEREAS, I, Nathan E. Baxter was at the time of the invention an employee of Intel Corporation, a Delaware corporation, having a place of business at 2200 Mission College Blvd., Santa Clara, California 95052-8119, and made my contribution to the inventions during and within the scope of my employment at Intel Corporation; and

WHEREAS at the time the inventions were made, Planar Systems, Inc. and Intel Corporation had entered into an agreement that such inventions shall be owned jointly by Planar Systems, Inc. and Intel Corporation:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Kari Härkönen, Mark Doczy, Teemu Lang and Nathan E. Baxter, hereby sell, assign, and transfer to Planar Systems, Inc. and Intel Corporation, jointly, all of our right, title, and interest in and to said inventions, said provisional patent application, said nonprovisional application, and any and all patent rights and letters patent for said inventions

in the United States of America and elsewhere throughout the world, including provisional rights, foreign patent priority rights, and the right to apply for patents in foreign countries in our names or in the name of Planar Systems, Inc. or Intel Corporation, or both, and further including all nonprovisional, divisional, and continuation applications deriving priority from said provisional patent application and/or said nonprovisional application and of any foreign patent applications and all reissues and extensions of patent rights and letters patent for said inventions, together with the right to file such nonprovisional, divisional, continuation, foreign, reissue, and extension applications in our names or in the name of Planar Systems, Inc. or Intel Corporation, or both, all to be held and enjoyed by Planar Systems, Inc. and Intel Corporation, jointly, for their own use and benefit, and by their successors and assigns for the use and benefit of such successors and assigns, without any obligation to account to us for any use thereof or royalties received therefrom, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, and covenant that we have full right so to do, and agree that we will communicate to Planar Systems, Inc. and Intel Corporation, and their successors and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all lawful nonprovisional, divisional, continuation, foreign, reissue, and extension applications, make all rightful declarations or oaths, and do everything lawfully possible to aid Planar Systems, Inc. and Intel Corporation, and their successors and assigns, to obtain and enforce proper patent protection for said inventions in the United States of America and elsewhere throughout the world.

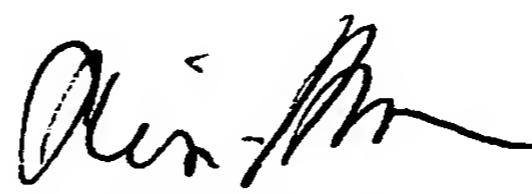
Executed at ESPOO, Finland, this 30 day of OCTOBER, 2003.

Kari Härkönen

Kari Härkönen

NOTARIZATION:

This 30th day of OCTOBER, 2003, before me personally came the above-named Kari Härkönen, who executed the foregoing instrument in my presence, and who acknowledged to me that he or she executed the same of his or her own free will for the purposes set forth herein.



Pirjo Halonen

Notary Public



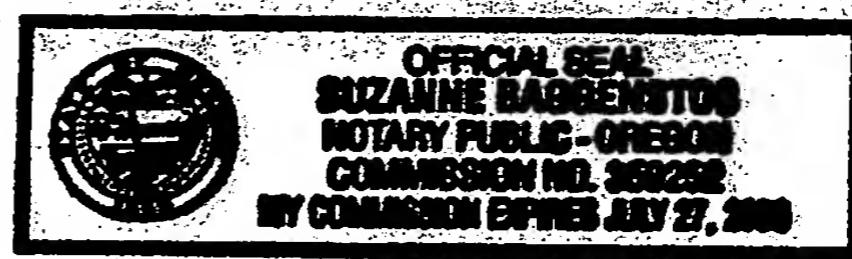
Executed at Intel, Hillsboro, State of Oregon, this 20<sup>th</sup> day of January,  
2004

Mark Doczy  
Mark Doczy

STATE OF OREGON )  
                         ) ss.  
County of Washington )

This 20<sup>th</sup> day of January, 2004, before me personally came the  
above-named Mark Doczy, who executed the foregoing instrument in my presence, and who  
acknowledged to me that he or she executed the same of his or her own free will for the  
purposes set forth herein.

Suzanne Baggemos  
Notary Public for Oregon  
My commission expires: July 27, 2006



Executed at Espoo, Finland, this 30 day of October, 2003.

Teemu Lang  
Teemu Lang

NOTARIZATION:

This 30th day of October, 2003, before me personally came the above-named Teemu Lang, who executed the foregoing instrument in my presence, and who acknowledged to me that he or she executed the same of his or her own free will for the purposes set forth herein.

Pirjo Halonen

Notary Public



Executed at Int'l Corp., H:llsboro, State of Oregon, this 20<sup>th</sup> day of January 2004,  
2003.

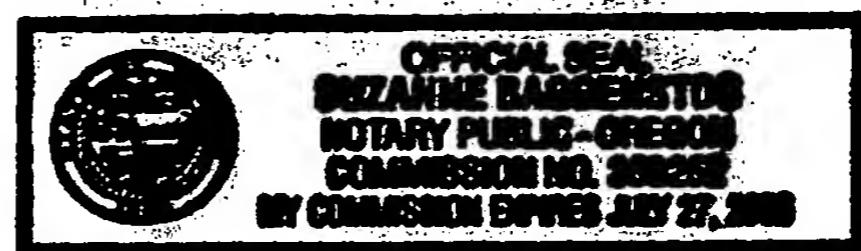


Nathan E. Baxter

STATE OF OREGON )  
) ss.  
County of Washington )

This 20<sup>th</sup> day of January, 2007, before me personally came the  
above-named Nathan E. Baxter, who executed the foregoing instrument in my presence, and  
who acknowledged to me that he or she executed the same of his or her own free will for the  
purposes set forth herein.

Suzanne Baggensos  
Notary Public for Oregon  
My commission expires: July 27, 2006



STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No.: 11429/19:2

**COPY**

**ASSIGNMENT**

WHEREAS, Intel Corporation, a Delaware corporation, having a place of business at 2200 Mission College Blvd., Santa Clara, California 95052-8119, and Planar Systems, Inc., an Oregon corporation, having a place of business at 1195 NW Compton Drive, Beaverton, Oregon 97006, are, by way of an assignment from the inventors, the joint owners of the full and exclusive right, title and interest in inventions claimed in U.S. nonprovisional patent application No. 10/642,426, filed August 15, 2003, entitled **DEPOSITION OF CARBON- AND TRANSITION METAL-CONTAINING THIN FILMS**, (Attorney Docket No. 11429/19:2) asserting priority to United States provisional patent application No. 60/445,571, filed February 6, 2003 (Attorney Docket No. 11429/19:1); and

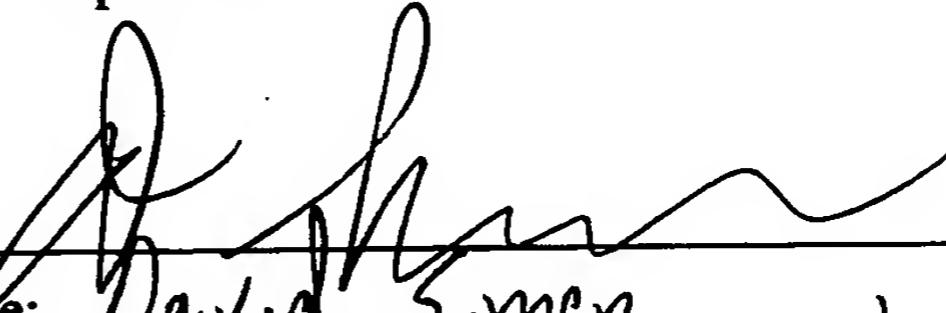
WHEREAS, Intel Corporation and Planar Systems, Inc. have agreed that such claimed subject matter ("the Inventions") of such foregoing nonprovisional patent application shall be owned solely by Planar Systems, Inc., and that Intel Corporation shall assign its interest therein to Planar Systems, Inc.:

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, Intel Corporation hereby sells, assigns, and transfers to Planar Systems, Inc. all of its right, title, and interest in and to the Inventions, said provisional application, said nonprovisional application, and any and all patent rights and letters patent for the Inventions in the United States of America and elsewhere throughout the world, including provisional rights, foreign patent priority rights, and the right to apply for patents in foreign countries in the name of Planar Systems, Inc., and further including all nonprovisional, divisional, and continuation applications (but not continuations-in-part) claiming the Inventions and deriving priority from said provisional application and/or said nonprovisional application and of any foreign patent applications and all reissues and extensions of patent rights and letters patent for the Inventions, together with the right to file such nonprovisional, divisional, continuation, foreign, reissue, and extension applications, all to be held and enjoyed by Planar Systems, Inc., for its own use and benefit, and by its successors and assigns for their own use and benefit, without any obligation to account to Intel Corporation for any use thereof or royalties received therefrom, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, sign all lawful papers deemed by Intel Corporation necessary to perfect the

rights assigned by Intel Corporation herein to obtain proper patent protection for said inventions in the United States of America and elsewhere throughout the world.

Executed at Santa Clara, State of California, this 1 day of June, 2004.

Intel Corporation

By:   
Name: David S. McNamara  
Title: Chief Patent Counsel

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